

AMENDMENT AND RESPONSE

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Title: EMULSIONS FOR IN-SITU DELIVERY SYSTEM

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3. A composition of claim 1, wherein the biologically active agent is selected from the group consisting of an antiinflammatory agent, an antibacterial agent, an antifungal agent, an analgesic agent, an anesthetic agent, an immunogen, a vaccine, an antineoplastic agent, a growth or survival agent, a hormone, a cardiovascular agent, an anti-ulcer agent, a bronchial agent, a central nervous system agent, a gene, a gene fragment, an insertion vector carrying a gene or gene fragment, and any combination or multiple thereof.

- B2 14. (Amended) A composition of claim [13] 1 wherein the thermoplastic polymer formula contains monomeric units selected from the group consisting of lactide, glycolide, caprolactone, anhydride, amide, urethane, esteramide, orthoester, dioxanone, acetal, ketal carbonate, phosphazene, hydroxybutyrate, hydroxyvalerate, alkylene oxalate, alkylene succinate, amino acid and any copolymer and terpolymer combination of these monomeric units in random order or in block order.

15. A composition of claim 14 wherein the monomeric units include lactide, glycolide, caprolactone, hydroxybutyrate, and any combination thereof.

19. A composition of claim 1, wherein the emulsion is a water-in-oil emulsion.

- B3 28. (Amended) A composition of claim 1 wherein the [matrix forming material is a mixture of a] thermoplastic polymer [and] is in mixture with a non-polymeric material.

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Please add the following new claim.

- B4 29. (Amended) A composition of claim 1 wherein the aqueous carrier is water, saline, physiological buffer solution, cell-culture medium, aqueous nutrient medium, aqueous mineral medium, aqueous amino acid medium, aqueous lipid medium, aqueous vitamin medium or any combination thereof.